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		DATA MATRIX			
Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 4 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		Product Paraquat Concentrate			
ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Generic Data Requirements		Syngenta Crop Protection, Inc.	PAY	
	Generic Data Requirements		The Ortho Business Group/The Scotts Company	PAY	
	Generic Data Requirements		Monsanto Company	PAY	
	Generic Data Requirements		Dow Elanco	PAY	
	Generic Data Requirements		Crystal Chemical Company	PAY	
	Generic Data Requirements		Makhteshim-Agan of North America, Inc.	PAY	
	Generic Data Requirements		Spray Drift Task Force	PAY	A BOOK NAME OF THE PARTY OF THE
	Generic Data Requirements		EDM Industries, Inc.	PAY	
	Generic Data Requirements		Sinon Corporation	PAY	
	Generic Data Requirements		Outdoor Residential Task Force LLC	PAY	
	Generic Data Requirements		Agricultural Reentry Task Force LLC	PAY	
	Generic Data Requirements		FIFRA Endangered Species Task Force LLC	PAY	
	Generic Data Requirements		Agricultural Handlers Exposure Task Force	PAY	
	Generic Data Requirements		Griffin Corporation	PAY	

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		DATA MATRIX			
Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 5 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Generic Data Requirements		Sinon USA, Inc.	PAY	
	Generic Data Requirements		Celsius Property BV/MANA Inc.	PAY	
				2.5	
Signature Rufus &	Postan		Name and Title: Rufus Bastian, Presiden	nt	Date: 10/10/2007

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	C	DATA MATRIX				
Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 1 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate			
Ingredient paraquat						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
PRODUCT PROPERTIES: GROU	UP A					
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN		
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN		
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN		
830.1670	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN		
830.1700	preliminary analysis	47106702	Source Dynamics LLC	OWN		
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4	
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN		
		47091102	Source Dynamics LLC	OWN	d Constant	
		47091103	Source Dynamics LLC	OWN		
		47106702	Source Dynamics LLC	OWN		
PRODUCT PROPERTIES: GROU	UP B					
830.6302	color	47091105	Source Dynamics LLC	OWN		
830.6303	physical state	47091105	Source Dynamics LLC	OWN		
Signature Gufus B	stein		Name and Title: Rufus Bastian, Pres	sident	Date: 10/10/200	

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Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 2 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
330.6304	odor	47091105	Source Dynamics LLC		
330.6313	stability to normal and elevated temperatures	46098802	Sinon	PAY	46.2% technical
330.6314	oxidation / reduction: chemical incompatibility	46098802	Sinon	PAY	46.2% technical
330.6315	flammability	46098802	Sinon	PAY	46.2% technical
330.6316	explodability	46098802	Sinon	PAY	46.2% technical
930.6317	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
330.6319	miscibility	46098802	Sinon	PAY	46.2% technical
830.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamics study in progress
330.6321	dielectric breakdown voltage		not applicable		
330.7000	pH	47091105	Source Dynamics LLC	OWN	
330.7050	UV / visible absorption	46098802	Sinon	PAY	46.2% techni
330.7100	viscosity	47091105	Source Dynamics LLC	OWN	
330.7200	melting point	46098802	Sinon	PAY	46.2% technical
330.7220	boiling point	46098802	Sinon	PAY	46.2% technical
Signature Rufses (C)	2.4:		Name and Title: Rufus Bastian, Pres	ident	Date: 10/10/2007

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		DATA MATRIX			
Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 3 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	46098802	Sinon	PAY	46.2% technical
830.7550	octanol / water partition coefficient	46098802	Sinon	PAY	46.2% technical
830.7840	water solubility	46098802	Sinon	PAY	46.2% technical
830.7950	vapor pressure	46098802	Sinon	PAY	46.2% technical
ACUTE TOXICITY				Traying States	
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature Rufus E	0 4		Name and Title: Rufus Bastian, Pres	dent	Date: 10/10/2007

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		DATA MATRIX			
Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 4 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC, 10039 E. Troon North Drive, Scottsdale, AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Ortho Business Group/The Scotts Compan	PAY	
			Monsanto Company	PAY	
			Dow Elanco	PAY	
			Crystal Chemical Compay	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corporation	PAY	
			Outdoor Residential Exposure Task Force LLC	PAY	
			Agricultural Reentry Task Force LLC	PAY	
			FIFRA Endangered Species Task Force LLC	PAY	
			Residential Exposure Task Force LLC	PAY	
			Agricultural Handlers Exposure Task Force LLC	PAY	
			Griffin Corporation	PAY	
Signature Pufers G	Bathin		Name and Title Rufus Bastian, President		Date 10/10/2007

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		DATA MATRIX			
		EPA Reg No./File Symbol 82542-G		Page 5 of 5	
		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status .	Note
			Sinon USA, Inc.	PAY	
			Celsius Property BV/MANA Inc.	PAY	
Signature Rufus &	Bostian		Name and Title Rufus Bastian, President		Date 10/10/2007

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		DATA MATRIX			
Date 3/24/07			EPA Reg No./File Symbol 82542		Page / of /
Applicant's/Registrant's Name & Add	TESS SOURCE DYNAMIC		PARAQUAT CONCENT		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Signature			SYMMENTA CROP PROTECTION ORTHO SCOTTS MONSANTO CO. DOW ELANCO CRYSTAL CHEMICAL CO. 5DTF EDM INDUSTRIES, INC. KELLERS HECKMAN SINON ORETF ARTF REJV AHETF LANDIS INT'L GRIFFIN		Date
Spinature Spinat	Bestran		RUEUS BASTIAN, PRESI	DENT	3/24/07

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		DATA MATRIX			
Date September 10, 2007 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		EPA Reg No./File Symbol 82542-G		Page 1 of 3	
			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES: GROU	UP A				
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
PRODUCT PROPERTIES: GROU	UP B				
830.6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	.47091105	Source Dynamics LLC	OWN	114.5
Signature Rufus Bas	tien		Name and Title: Rufus Bastian, Presid	lent	Date: Sept. 10, 2007

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		DATA MATRIX			
Date September 10, 2007			EPA Reg No./File Symbol 82542-G		Page 2 of 3
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
ngredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
330.6304	odor	47091105	Source Dynamics LLC		
330.6313	stability to normal and elevated temperatures	46098802	Sinon	PAY	46.2% technical
330.6314	oxidation / reduction: chemical incompatibility	46098802	Sinon	PAY	46.2% technical
330.6315	flammability	46098802	Sinon	PAY	46.2% technical
30.6316	explodability	46098802	Sinon	PAY	46.2% technical
30.6317	storage stability	46098802	Sinon	PAY	Source Dynamic study in progress
30.6319	miscibility	46098802	Sinon	PAY	46.2% technical
30.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamic study in progress
30.6321	dielectric breakdown voltage		not applicable		
30.7000	рН	47091105	Source Dynamics LLC	OWN	
30.7050	UV / visible absorption	46098802	Sinon	PAY	46.2% technical
30.7100	viscosity	47091105	Source Dynamics LLC	OWN	
30.7200	melting point	46098802	Sinon	PAY	46.2% technical
30.7220	boiling point	46098802	Sinon	PAY	46.2% technical

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Date September 10, 2007	Date September 10, 2007			EPA Reg No./File Symbol 82542-G	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	46098802	Sinon	PAY	46.2% technical
830.7550	octanol / water partition coefficient	46098802	Sinon	PAY	46.2% technica
830.7840	water solubility	46098802	Sinon	PAY	46.2% technica
830.7950	vapor pressure	46098802	Sinon	PAY	46.2% technica
ACUTE TOXICITY				The East	
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature	- <i>H</i>				Data Sant 10
Signature Pufes C	Dartion		Name and Title: Rufus Bastian, Presid	lent	Date: Sept. 10, 2007

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Date September 10, 2007 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		EPA Reg No./File Symbol 82542-G		Page 1 of 3	
			Product Paraquat Concentrate		
ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES: GROU	JP A				
330.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
330.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
370	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN	
700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
330.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
PRODUCT PROPERTIES: GROU	IP B				
330.6302	color	47091105	Source Dynamics LLC	OWN	
330.6303	physical state	47091105	Source Dynamics LLC	OWN	
Signature Ruful But	tien		Name and Title: Rufus Bastian, Pres	sident	Date: Sept. 10, 2007

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Date September 10, 2007			EPA Reg No./File Symbol 82542-G		Page 2 of 3
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	odor	47091105	Source Dynamics LLC		
830.6313	stability to normal and elevated temperatures	46098802	Sinon	PAY	46.2% technical
830.6314	oxidation / reduction: chemical incompatibility	46098802	Sinon	PAY	46.2% technical
830.6315	flammability	46098802	Sinon	PAY	46.2% technical
330.6316	explodability	46098802	Sinon	PAY	46.2% technical
1	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
630.6319	miscibility	46098802	Sinon	PAY	46.2% technical
830.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamics study in progress
830.6321	dielectric breakdown voltage		not applicable		
830.7000	pH	47091105	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	46098802	Sinon	PAY	46.2% technical
830.7100	viscosity	47091105	Source Dynamics LLC	OWN	
330.7200	melting point	46098802	Sinon	PAY	46.2% technical
830.7220	boiling point	46098802	Sinon	PAY	46.2% technical
Signature Rufus Bas	tien		Name and Title: Rufus Bastian, Presi	dent	Date: Sept. 10, 2007

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DATA MATRIY

Date September 10, 2007			EPA Reg No./File Symbol 82542-G		Page 3 of 3
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	46098802	Sinon	PAY	46.2% technical
830.7550	octanol / water partition coefficient	46098802	Sinon	PAY	46.2% technical
830.7840	water solubility	46098802	Sinon	PAY	46.2% technical
83 50	vapor pressure	46098802	Sinon	PAY	46.2% technical
E TOXICITY					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature Pupes C	Bation		Name and Title: Rufus Bastian, Pres	ident	Date: Sept. 10, 2007

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		DATA MATRIX		10 November 19 19 19 19 19 19 19 19 19 19 19 19 19	
Date April 25, 2007	Date April 25, 2017		EPA Reg No./Fili: Symbol 82542- Product Paraquat Concentrate		Page 1 of 2
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262					
Ingredient paraquat					
Guideline Referer ce Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
830.1670	discussion of formation of Impurities	47091106	Source Dynamics LLC	OWN	
830,1700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	10 Car
		47091103	Source Dynamics LLC	OWN	
	2	47106702	Source Dynamics LLC	OWN	
830,6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	47091105	Source Dynamics LLC	OWN	
830.6304	odor	47091105	Source Dynamics LLC	OWN	
830.6317	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
Signature Rufus &	astian		Name and Title PRESIDEN	ASTIAN	Date 4/25/04

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	A	DATA MATRIX				
Date April 25, 2017			EPA Reg No./File Symbol 82542-		Page 2 of 2	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		•	
Ingredient paraquat				Hamana sa Nasa da sa		
Guideline Referer ce Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
830.6320	corrosion characteristics	44590901	Syngenta	OWN	Source Dynamic study in progress	
830,7000	pH	47091105	Source Dynamics LLC	OWN		
830,7100	viscosity	47091105	Source Dynamics LLC	OWN		
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN		
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN		
670.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN		
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN		
870.2400	acute eye irritation	46098805	Sinon	PAY		
A Symmetry Control of the Control of		44702609	Griffin	PAY		
870,2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	September Septem	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN		
	Transport Commercials					
Signature Rufus &	3/6		Name and Title PRESIDENT	TIAN	Date Live	

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	D	ATA MATRIX				
Date January 28, 2010			EPA Reg. No./File Symbol 82542-3		Page 1 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate			
Ingredient paraquat dichloride						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
PRODUCT PROPERTIES DATA						
830.1550	product identification and disclosure of ingredients	47847201 47958401	Source Dynamics LLC	OWN		
830.1600	description of beginning materials	47847201	Source Dynamics LLC	OWN		
830.1620	description of manufacturing process	47847201	Source Dynamics LLC	OWN		
830.1650	description of formulation process	47847201	Source Dynamics LLC	OWN		
830.1670	discussion of formation of impurities	47847201	Source Dynamics LLC	OWN		
830.1700	preliminary analysis	47847201 47958401	Source Dynamics LLC	OWN		
830.1750	certification of limits	47847201 47958401	Source Dynamics LLC	OWN		
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN		
830.6302	color	47847201	Source Dynamics LLC	OWN		
830.6303	physical state	47847201	Source Dynamics LLC	OWN		
830.6304	odor	47847201	Source Dynamics LLC	OWN		
Signature Rufer D	to		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010	

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		DATA MATRIX				
Date January 28, 2010			EPA Reg. No./File Symbol 82542-3		Page 2 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate			
Ingredient paraquat dichloride	表现文 也, 2 000年1月1日					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN		
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN		
830.6315	flammability	47847201	Source Dynamics LLC	OWN		
830.6316	explodability	47847201	Source Dynamics LLC	OWN		
330.6317	storage stability	47847201	Source Dynamics LLC	OWN		
630.6319	miscibility	47847201	Source Dynamics LLC	OWN		
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN		
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN		
830.7000	рН	47847201	Source Dynamics LLC	OWN	The second	
330.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN		
830.7100	viscosity	47847201	Source Dynamics LLC	OWN		
830.7200	melting point	47847201	Source Dynamics LLC	OWN		
830.7220	boiling point	47847201	Source Dynamics LLC	OWN		
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN		
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN		
Signature Rufar ©	Bather"		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010	



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		DATA MATRIX			
Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 3 of 5	
			Product Paraquat Concentrate		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature Rufus (Baka.		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



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	DA	TA MATRIX			
Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 4 of 5	
			Product Paraquat Concentrate		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
Series 870 other: cite-all	Toxicology: generic data		Crystal Chemical Company	PAY	
Series 810: cite-all	Product Performance: generic data		Dow Agrosciences LLC	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Makhteshim-Agan of North America, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Spray Drift Task Force	PAY	
Series 850: cite-all	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
Series 860: cite-all	Residue Chemistry: generic data		Sinon Corp.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature Rufum 1	Bestai		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



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	DA	TA MATRIX			
Date January 28, 2010			EPA Reg. No./File Symbol 82542-3		Page 5 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate		
ngredient paraquat dichloride					
Guideline Reference Number Guideline Stud	y Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
		Griffin Corporation	PAY		
			Sinon USA, Inc.	PAY	
		Celsius Property B.V., Amsterdam (NL)	PAY		
Series 870 other: cite-all Toxicology: ge			Generic Endangered Species Task Force	PAY	
	mance: generic data				
	t and Transformation: generic data				
Series 840: cite-all Spray Drift: ge		multiple			Mar A
	cts: generic data				
Series 860: cite-all Residue Chem	istry: generic data				
Series 875: cite-all Occupational a	nd Residential Exposure: generic data				
Signature Pufar Broton			Name and Title: Rufus Bastian President, Source Dynamics LLC	1	Date:
					Jan. 28, 2010



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		DATA MATRIX			
Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 1 of 5	
		Product Paraquat Concentrate			
ngredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature Rufur G	Bartan.		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010

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		DATA MATRIX			
Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 2 of 5	
		Product Paraquat Concentrate			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
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			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature Pafes	Bosta.		Name and Title: Rufus Bastian President, Source Dynamics LLC	Park Face	Date: Jan. 28, 2010



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		Product Paraquat Concentrate			
ngredient paraquat dichloride				The second	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			not applicable: not a technical material		
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Sinon	PAY	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
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Signature	Buta		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



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Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 4 of 5	
		Product Paraquat Concentrate			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature	Bester		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



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		DATA MATRIX			
Date January 28, 2010 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 5 of 5	
		Product Paraquat Concentrate			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
			Celsius Property B.V., Amsterdam (NL)	PAY	
			Generic Endangered Species Task Force	PAY	
		对于是一个工作。			
Signature	Basken		Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010

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•••••	C	DATA MATRIX			
Date May 27, 2011		EPA Reg. No./File Symbol 82542-3		Page 1 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
230.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
-330.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	

47847201

47847201

47847201

Source Dynamics LLC

Source Dynamics LLC

Source Dynamics LLC

Registration Manager, Source Dynamics LLC

Name and Title:

Robert Hawk

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Signature

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Date:

May 27, 2011

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: .**.		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 2 of 5
Applicant's Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive cottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
ngredient paraquat dichloride		Frank Pages 246			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
330.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
330.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
330.6315	flammability	47847201	Source Dynamics LLC	OWN	
330.6316	explodability	47847201	Source Dynamics LLC	OWN	
330.6317	storage stability	47847201	Source Dynamics LLC	OWN	
530.6319	miscibility	47847201	Source Dynamics LLC	OWN	
330.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
330.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
30.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
330.7100	viscosity	47847201	Source Dynamics LLC	OWN	
330.7200	melting point	47847201	Source Dynamics LLC	OWN	
330.7220	boiling point	47847201	Source Dynamics LLC	OWN	
330.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
330.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	
Signature <i>E. Lint</i>	that		Name and Title: Robert Hawk Registration Manager, Source Dynan	nics LLC	Date: May 27, 2011

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••••		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 3 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
330.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
70.1100	acute oral toxicity	NEW	Source Dynamics LLC	OWN	
370.1200	acute dermal toxicity	NEW	Source Dynamics LLC	OWN	
370.1300	acute inhalation toxicity	NEW	Source Dynamics LLC	OWN	
370.2400	acute eye irritation	NEW	Source Dynamics LLC	OWN	
370.2500	acute dermal irritation	NEW	Source Dynamics LLC	OWN	
370.2600	skin sensitization	NEW	Source Dynamics LLC	OWN	
Signature Plant	2/2/2	1	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011

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reregistration and special review a	e: The public reporting burden for this collection of information is activities, including time for reading the instructions and completions for reducing the burden to: Director, OPPE Information Manages.	ng the necessary form	ns. Send comments regarding the burden estima	te or any other	aspect of this collection
••••	DA	TA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 4 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					ed his his
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
Series 870 other: cite-all	Toxicology: generic data		Crystal Chemical Company	PAY	
Series 810: cite-all	Product Performance: generic data		Dow Agrosciences LLC	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Makhteshim-Agan of North America, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Spray Drift Task Force	PAY	
eries 850: cite-all	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
Series 860: cite-all	Residue Chemistry: generic data		Sinon Corp.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
		200	Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	

Robert 2606

Signature

Date: May 27, 2011

Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC

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 Form A

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Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 5 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
ngredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
Carina 970 athers aits all			Sharda Worldwide Exports Pvt. Ltd.	PAY	
Series 870 other: cite-all	Toxicology: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
Series 810: cite-all	Product Performance: generic data		Generic Endangered Species Task Force	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data				C 4 (56)
Series 840: cite-all	Spray Drift: generic data	multiple			
eries 850: cite-all	Ecological Effects: generic data				
Series 860: cite-all	Residue Chemistry: generic data				
Series 875: cite-all	Occupational and Residential Exposure: generic data				
					1 140 44
Signature	+ 2/wste		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011

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reregistration and special review a	e: The public reporting burden for this collection ctivities, including time for reading the instruction as for reducing the burden to: Director, OPPE I ss.	ons and completing the necessary form	ns. Send comments regarding the burde	en estimate or any other as	pect of this collection
••••		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3	3	Page 1 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
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			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	The stage of the stage
Signature <i>L. Lut</i>	- Thurk		Name and Title: Robert Hawk Registration Manager, Source Dyna	mics LLC	Date: May 27, 2011

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reregistration and special review a	e: The public reporting burden for this collection ctivities, including time for reading the instructions for reducing the burden to: Director, OPPE Ires.	ns and completing the necessary form	ns. Send comments regarding the burde	n estimate or any other a	spect of this collection
		DATA MATRIX			
Date May 27, 2014 •			EPA Reg. No./File Symbol 82542-3		Page 2 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC D039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
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			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature	That		Name and Title: Robert Hawk Registration Manager, Source Dynar	nics LLC	Date: May 27, 2011

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Form Approved C	OMB No. 2070-0060 UNITED STATES ENV	/IRONMENTAL PROTECTION	AGENCY 401 M Street, S.W. WASHIN	GTON, D.C. 2	20460
reregistration and special review ac	e: The public reporting burden for this collection ctivities, including time for reading the instructions for reducing the burden to: Director, OPPE Ires.	ns and completing the necessary form	s. Send comments regarding the burden estimates	ate or any other	aspect of this collection
		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 3 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			not applicable: not a technical material		
			Source Dynamics LLC	OWN	
				7 4 5	TO MALES AND THE
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature	- Wast		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011
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reregistration and special review ac	ctivities, including time for reading the instructions for reducing the burden to: Director, OPPE I	ons and completing the necessary form	e 0.25 hours per response for registration activitiens. Send comments regarding the burden estimat 7), U.S. Environmental Protection Agency, 401 N	e or any other	aspect of this collection
****		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 4 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	The Land
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature Chart	Want		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011

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Form Approved C	OMB No. 2070-0060 UNITED STATES ENV	VIRONMENTAL PROTECTION	AGENCY 401 M Street, S.W. WASHING	TON, D.C. 2	0460
reregistration and special review as	ctivities, including time for reading the instructions for reducing the burden to: Director, OPPE In	ns and completing the necessary form	0.25 hours per response for registration activities. Send comments regarding the burden estimate (7), U.S. Environmental Protection Agency, 401 M	e or any other a	spect of this collection
••••		DATA MATRIX			
Date May 27, 2011			EPA Reg. No./File Symbol 82542-3		Page 5 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					The state of the state of
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
			Sharda Worldwide Exports Pvt. Ltd.	PAY	
			Celsius Property B.V., Amsterdam (NL)	PAY	
			Generic Endangered Species Task Force	PAY	
Signature	+ Wash		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011
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	D	ATA MATRIX			
Date October 29, 2014			EPA Reg. No./File Symbol 82542-3		Page 1 of 5
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature Chart -	The the		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	en Martinia (con esperante en	Date: October 29, 2014

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		DATA MATRIX			
Date October 29, 2014		A SECTION AND AND AND AND AND AND AND AND AND AN	EPA Reg. No./File Symbol 82542-3		Page 2 of 5
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride	•				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explodability	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	рН	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	20
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / re!ati /∪ density	47847201	Source Dynamics LLC	OWN	
830.7370	dioscolation constant in water	47847201	Source Dynamics LLC	OWN	
Signature Lobert To		•	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014

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е		EPA Reg. No./File Symbol 82542-3 Product Paraquat Concentrate (alternate formulation #	25)	Page 3 of 5
е		1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	25)	
е				
e				
	MRID Number	Submitter	Status	Note
on coefficient	47847201	Source Dynamics LLC	OWN	
on coefficient	47847201	Source Dynamics LLC	OWN	
	47847201	Source Dynamics LLC	OWN	
olvents		not applicable: not a technical material		
z.	47847201	Source Dynamics LLC	OWN	
	47091107	Source Dynamics LLC	OWN	
	47091108	Source Dynamics LLC	OWN	
ity	47091109	Source Dynamics LLC	OWN	
	46098805	Sinon	PAY	
	47091110	Source Dynamics LLC	OWN	
	47091111	Source Dynamics LLC	OWN	
		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	·	Date: October 29, 2014
	on coefficient olvents	47847201 47847201 olvents 47847201 47847201 47847201 47091107 47091108 47091109 46098805	Source Dynamics LLC 47847201 Source Dynamics LLC not applicable: not a technical material 47847201 Source Dynamics LLC 47847201 Source Dynamics LLC 47091107 Source Dynamics LLC 47091108 Source Dynamics LLC ity 47091109 Source Dynamics LLC 46098805 Sinon 47091110 Source Dynamics LLC 47091111 Source Dynamics LLC Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	on coefficient 47847201 Source Dynamics LLC OWN 47847201 Source Dynamics LLC OWN olvents not applicable: not a technical material 47847201 Source Dynamics LLC OWN 47091107 Source Dynamics LLC OWN 47091108 Source Dynamics LLC OWN ity 47091109 Source Dynamics LLC OWN 46098805 Sinon PAY 47091110 Source Dynamics LLC OWN A7091111 Source Dynamics LLC OWN Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC

	DA'	TA MATRIX			
Date October 29, 2014			EPA Reg. No./File Symbol 82542-3		Page 4 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
Series 870 other: cite-all	Toxicology: generic data		Crystal Chemical Company	PAY	
Series 810: cite-all	Product Performance: generic data		Dow Agrosciences LLC	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Makhteshim-Agan of North America, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Spray Drift Task Force	PAY	
Series 850: cite-all	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
Series 860: cite-all	Residue Chemistry: generic data		Sinon Corp.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature	f Hart		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	,	Date: October 29, 20

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	DA	TA MATRIX			
Date October 29, 2014			EPA Reg. No./File Symbol 82542-3		Page 5 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
Series 870 other: cite-all	Toxicology: generic data		Sharda Cropchem Ltd.	PAY	
Series 810: cite-all	Product Performance: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Generic Endangered Species Task Force	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Willowood, LLC	PAY	
Series 850: cite-all	Ecological Effects: generic data	manple	Willowood Paraquat, LLC	PAY	
Series 860: cite-all	Residue Chemistry: generic data		US Raymat AG LLC	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data				
Control on one dim					
Oireature					
Signature	Hark		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014

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	C	ATA MATRIX			
Date April 21, 2014			EPA Reg. No./File Symbol 82542-3		Page 1 of 5
		Product Paraquat Concentrate (alternate formulation #4)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
930.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature Ches.			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014

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		DATA MATRIX			
Date April 21, 2014			EPA Reg. No./File Symbol 82542-3		Page 2 of 5
		Product Paraquat Concentrate (alternate formulation #4)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explodability	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	рН	47847201	Source Dynamics LLC	OWN	
330.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
330.7100	viscosity	47847201	Source Dynamics LLC	OWN	
330.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
330.7300	density / relative dunsity	47847201	Source Dynamics LLC	OWN	
330.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	
Signature Lobert Z	laste		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014

	DAT	A MATRIX			
Date April 21, 2014			EPA Reg. No./File Symbol 82542-3		Page 3 of 5
		Product Paraquat Concentrate (alternate formulation #4)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
370.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature Cobert			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014

	DA	TA MATRIX			
Date April 21, 2014			EPA Reg. No./File Symbol 82542-3		Page 4 of 5
Applicant's/Registrant's Name & Address ource Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (alternate formulation #4)		
Ingredient paraquat dichloride			_		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
Series 870 other: cite-all	Toxicology: generic data		Crystal Chemical Company	PAY	
Series 810: cite-all	Product Performance: generic data		Dow Agrosciences LLC	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Makhteshim-Agan of North America, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Spray Drift Task Force	PAY	
Series 850: cite-all	Ecological Effects: generic data	Section 2011	EDM Industries, Inc.	PAY	
Series 860: cite-all	Residue Chemistry: generic data	THE PROPERTY OF THE PROPERTY O	Sinon Corp.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
	ļ		Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature Color	Thank	•	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014

	DA	TA MATRIX			
Applicant's/Registrant's Name & Address ource Dynamics LLC		EPA Reg. No./File Symbol 82542-3		Page 5 of 5	
		Product Paraquat Concentrate (alternate formulation #4)			
ngredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
Series 870 other: cite-all	Toxicology: generic data		Sharda Cropchem Ltd.	PAY	
Series 810: cite-all	Product Performance: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Generic Endangered Species Task Force	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Willowood, LLC	PAY	
Series 850: cite-all	Ecological Effects: generic data	multiple	Willowood Paraquat, LLC	PAY	
Series 860: cite-all	Residue Chemistry: generic data		US Raymat AG LLC	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		United Pet Group, Inc.	PAY	
series 073. Cite-all	Occupational and Residential Exposure. generic data		PCDB Task Force	PAY	
	1				
Signature Chart	How to	-	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	and the second s	Date: April 21, 2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

	DA	TA MATRIX			
Date 01/13/2014 Applicant's/Registrant's Name & Address Source Dynamics, LLC, 10039 E Troon North Drive, Scottsdale, AZ 85262		EPA Reg No./File Symbol 82542 - 3		Page 1 of 1	
			Product PARAQUAT CONCENTRATE		
Ingredient Paraquat Dichloride	-		•		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Product Specific Data:				1	
830.1550	Product identity and composition	47847201	Source Dynamics	Own	
830.1600	Description of materials used to produce the product	47847201	Source Dynamics	Own	
830.1620	Description of production process	47847201	Source Dynamics	Own	
830.1670	Discussion of impurities	47847201	Source Dynamics	Own	
830.1700	Preliminary analysis	47847201	Source Dynamics	Own	
830.1750	Certified limits	47847201	Source Dynamics	Own	
830.1800	Enforcement analytical method	47847201	Source Dynamics	Own	
			,		
			•		
Signature	1 Min	•	Name and Title SCOTT PACE, Registration Consultant	-	Date 01/13/2014

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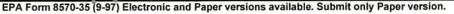


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	D	ATA MATRIX			
Date 01/13/2014			EPA Reg No./File Symbol 82542 - 3		Page 1 of 1
		Product PARAQUAT CONCENTRATE			
Ingredient Paraquat Dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			F	1-	
			-	-	
			-	-	
			-	-	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
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	• • • • • • • • • • • • • • • • • • • •				
Signature	1/4		Name and Title		Date
1) 00	X/1/ -		SCOTT PACE, Registration Consultant		01/13/2014

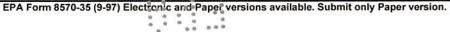
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Date October 29, 2014			EPA Reg. No./File Symbol 82542-3		Page 1 of 5		
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (alternate formulation				
Ingredient paraquat dichloride							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
PRODUCT PROPERTIES DATA							
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN			
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN			
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN			
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN			
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN			
830.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN			
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN			
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN			
830.6302	color	47847201	Source Dynamics LLC	OWN			
830.6303	physical state	47847201	Source Dynamics LLC	OWN			
830.6304	odor	47847201	Source Dynamics LLC	OWN			
Signature	W.L		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014		





		DATA MATRIX			
Date October 29, 2014 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 2 of 5	
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride			_		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explodability	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	рН	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density & selative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	
Signature Color to		•	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	-	Date: October 29, 2014



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		DATA MATRIX			
Date October 29, 2014 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 3 of 5	
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature	That b		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	:	Date: October 29, 2014

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	DA	TA MATRIX			
Date October 29, 2014 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 4 of 5	
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride			_		_
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
Series 870 other: cite-all	Toxicology: generic data		Crystal Chemical Company	PAY	
Series 810: cite-all	Product Performance: generic data		Dow Agrosciences LLC	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Makhteshim-Agan of North America, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data	multiple	Spray Drift Task Force	PAY	
Series 850: cite-all	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
Series 860: cite-all	Residue Chemistry: generic data		Sinon Corp.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
	AAR 40V		Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature	Jan b		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014

	DA	TA MATRIX			
Date October 29, 2014 Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		EPA Reg. No./File Symbol 82542-3		Page 5 of 5	
		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
		1	Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	0
Series 870 other: cite-all Toxicology: generic data		Sharda Cropchem Ltd.	PAY		
	1	Celsius Property B.V., Amsterdam (NL)	PAY		
Series 810: cite-all	835: cite-all Fate, Transport and Transformation: generic data 840: cite-all Spray Drift: generic data		Generic Endangered Species Task Force	PAY	
Series 835: cite-all			Willowood, LLC	PAY	
Series 840: cite-all		multiple	Willowood Paraquat, LLC	PAY	
Series 850: cite-all			US Raymat AG LLC	PAY	
Series 860: cite-all	Residue Chemistry: generic data	1			1
Series 875: cite-all	Occupational and Residential Exposure: generic data			 	
		1			
		1			
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Signature	1//		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014

